



Material Composition Sheet

Product: GS7032-CVME3
 Package Type: TQFP-44PIN (160/tray)
 Manufacturer: Gennum Corporation

Date: 06-Mar-2007

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Chip		9.24	Al	0.06	0.64	6494
			Si	9.18	99.35	993506
			Sub-total:	9.24	99.99	1000000
Die Attach	2288A	1.43	Ag	1.14	80.00	800000
			Di-ester Resin	0.10	6.99	69930
			Epoxy Resin	0.04	3.00	30070
			Functionalized ester resin	0.03	2.02	20280
			Functionalized urethane resin	0.03	2.02	20280
			Metal Oxide	0.03	2.02	20280
			Other components	0.03	1.88	18881
			Polymeric material	0.03	2.02	20280
			Sub-total:	1.43	99.95	1000001
Lead Finish External		6.30	Sn	6.30	100.00	1000000
			Sub-total:	6.30	100.00	1000000
Lead Finish Internal		0.22	Ag	0.22	100.00	1000000
			Sub-total:	0.22	100.00	1000000
Lead Frame	OLIN 7025	69.30	Cu	66.67	96.20	962049
			Mg	0.10	0.14	1443
			Ni	2.08	3.00	30014
			Si	0.45	0.64	6494
			Sub-total:	69.30	99.98	1000000
Marking Ink	Teca 261	0.01		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	CEL 9200THF	241.62	Aromatic Phosphate	2.90	1.20	12002
			Carbon Black	1.21	0.50	5008
			Epoxy Resin	15.95	6.60	66013
			Phenol Resin	11.60	4.80	48009
			SiO2	209.96	86.89	868968
			Sub-total:	241.62	99.99	1000000
Wires	NFL03	2.13	Au	2.13	100.00	1000000
			Sub-total:	2.13	100.00	1000000
Total:		330.25				

GENNUM CORPORATION

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